

BSC 307 Abstract to Concrete (Cognitive Adaptation) Lesson Assignment

Teachers should have a reasonable idea of the cognitive level at which their students are functioning simply based on the age of those students. Using this knowledge, teachers then have a basic starting point on which to start building lessons.

Topic:

Part 1: Lesson design

Take the abstract concept you've been given and design a lesson for students in 9th grade based on Piaget's work in cognitive development, Bloom's Taxonomy, and the Illinois Learning Standards. Your overall goal is to come up with a way to make this abstract concept concrete for these young learners.

Your lesson should follow the 5E model introduced earlier in the semester and you should use the template posted on the Concrete Lesson Assignment page on the BSC 307 WIKI. You need to attach any student handouts you would use with this lesson and cite any resources you consulted in development of this lesson.

Resources:

<http://www.isbe.net/ils/science/capd.htm>

<http://chiron.valdosta.edu/whuitt/col/cogsys/piaget.html>

<http://www.coun.uvic.ca/learn/program/hndouts/bloom.html>

http://www.educationoasis.com/curriculum/LP/LP_resources/lesson_objectives.htm

Part 2: Post and Present

You will post your lesson the BSC 307 WIKI (<http://spring2011BSC307.wikispaces.com/>) on the Concrete Lesson Assignment page. Then, you will present your lesson to the class on your assigned day. While you are not teaching this lesson, you are to bring materials to demonstrate how the lesson transforms this abstract concept into a concrete experience for the students.